ENSEMBLE DESIGNS

BrightEye Mitto 3G / 3G Fiber / HD / SD Pro Broadcast Scan Converters

BrightEye Mitto is a high performance scan converter that supports SD, HD and 3G video signals. For broadcasters who find they are relying on video content from the web, BrightEye Mitto offers the best way to take computer video to air. Video that once seemed constrained by your computer desktop can now be used for the most demanding broadcast and display applications. High performance scan converter • Outputs 1.5 and 3 Gb/s HD, SD SDI and composite video • DVI and VGA I/O - HDMI support with an adaptor • Analog audio and AES digital audio input • Easy-to-use Mac and PC user interface • Use a mouse to select what part of the video you want to output • Intuitive front panel controls • Easily adjust video parameters and select video output format • Genlock and Time to House Reference, Fully Timeable • Proprietary scaling and multi-tap filtering system • Rackmountable • Memory presets for your favorite settings • 5-year warranty and free software upgrades

ENDE-MITTO Mitto 3G BEM-1 3G / HD / SD Scan Converter.....*Reg. $5500.00* **Discount $5225.00**

ENDE-MITTO-1F Mitto 3G Fiber BEM-1F 3G / Fiber / HD / SD Scan Converter.....*Reg. $5900.00* **Discount $5605.00**

ENDE-BEM-2 Mitto HD / SD BEM-2 Scan Converter.....*Reg. $3900.00* **Discount $3705.00**

ENDE-BEM-3 Mitto Pro DVI, VGA, or HDMI inputs, HD or SD video outputs, Analog or embedded audio input .....*Reg. $2500.00* **Discount $2375.00**

ENDE-BE72

Ensemble Designs BrightEye 72 3G/HD/SD SDI to HDMI Converter

This video converter goes above and beyond - it displays open captions, time code and audio presence. Combine BrightEye 72 with any HDMI monitor for high-end display applications in broadcast and post. BrightEye 72 accepts an SD, 1.5 Gb/s HD or 3 Gb/s HD SDI digital signal and outputs HDMI. Front panel controls include: complete proc amp, built-in test signals for use in aligning the monitor, graticule, H/V pulse delay, on screen audio VU meters, timecode burn in and open caption decoding. BrightEye 72 provides open caption decoding for monitoring caption data using any HDMI video monitor. 708 caption data is decoded and displayed on-screen. When 708 is not present, 608 captions are displayed. Alternately, you can select between 608 or 708 from the user interface. Audio presence is reported and on-screen VU meters show all 16 audio channels. Horizontal and vertical split modes provide an easy way to see data in the vertical and horizontal intervals, including audio and closed caption data blocks. The internal test pattern includes pluge which is needed for monitor alignment. Graticule can be turned on for title alignment. Use BrightEye 72 in studio applications where you need to adjust the color temperature of on-set monitors so they look right on-camera.

NEW

ENDE-BE72 • *Reg. $1000.00* **Discount $950.00**

ENDE-BE41

Ensemble Designs BrightEye 41 Analog or HD Sync & AES/EBU 1x4 DA

BrightEye 41 is a distribution amplifier that accepts analog video, AES digital audio, or HD Tri-Level Sync signal. It provides unity gain fan out over a frequency range of DC to 10Mhz. It can handle composite and component analog video, coaxial AES digital audio, or a High Definition Tri-Level Sync signal. When using a digital to analog video converter and multiple outputs are needed, BrightEye 41 can be used to distribute and provide those additional output signals. BrightEye 41 works well with video converters BrightEye 10 and BrightEye 16. BrightEye 41 is also useful in conjunction with the BrightEye 54 sync pulse generator and test signal generator for distributing Tri-Level Sync, AES and composite signals. This is a simple device, with no USB port and no interface to BrightEye PC. Front panel indicators show the presence of an input signal and power.

NEW

ENDE-BE41 • *Reg. $250.00* **Discount $238.00**

ENDE-BE42

Ensemble Designs BrightEye 42 HD/SD/ASI Distribution Amplifier

BrightEye 42 is a reclocking distribution amplifier that can be used with high definition, standard definition or ASI signals. When used with SD or ASI input signals, the serial input automatically equalizes up to 300 meters of digital cable. When used with an HD input signal, the serial input automatically equalizes up to 100 meters of digital cable. The equalized signal is reclocked and delivered to four simultaneous outputs. The reclocker is ASI compliant and all four outputs have the correct ASI polarity. This is a simple device with no USB port and no interface to BrightEye PC. Front panel indicators show the presence of an input signal and power.

NEW

ENDE-BE42 • *Reg. $450.00* **Discount $428.00**

ENDE-BE90

Ensemble Designs BrightEye 90 HD Up/Down Cross Converter and ARC with AES Audio

BrightEye 90 is a versatile up/down/cross converter or aspect ratio converter for use with analog and digital video signals. Simply set the BrightEye 90 to output your facility's preferred HD or SD standard. The BrightEye 90 will accommodate whatever input you connect - analog composite, SD SDI or HD SDI. After setting the output standard, BrightEye 90 automatically converts the selected input to the correct standard for your facility. BrightEye 90 will upconvert, downconvert, cross convert, or act as an ARC, as needed. The built-in Frame Synchronizer allows you to feed asynchronous signals to the BrightEye 90. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed. Feed the analog composite or SD SDI output of a camera to a BrightEye 90 and upconvert to HD. You can take the HD signal from the BrightEye 90 into a switcher or projection system. Upconverting existing SD equipment lets you leverage the equipment you already have and operate in the HD domain. While some cameras may have firewire out, using the video output and upconverting before distribution is preferable since longer cable runs can be achieved and quality is superior. Additionally, the BrightEye 90's reference input allows you to time the upconverted video output for use with a production switcher.

NEW

ENDE-BE90 • *Reg. $3995.00* **Discount $3795.00**

Ensemble Designs BrightEye 92-M HD Downconverter

BrightEye 92-M will downconvert any type of HD signal and provides both an SD SDI output and an analog composite output that are suitable for broadcast or monitoring. The built-in Frame Synchronizer allows you to feed asynchronous signals to the BrightEye 92-M. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed. Audio monitoring is easy with BrightEye 92-M's convenient 3.5mm mini jack. The HDMI connector on the rear of the unit provides a future proof monitoring interface. Audio presence LEDs indicate which channels are detected.

ENDE-BE92M • *Reg. $1500.00* **Discount $1425.00**

ENDE-BE93

Ensemble Designs BrightEye 93 HD Cross Converter

BrightEye 93 converts between various HD standards, whether 720p or 1080i. Simply select the output standard you need and connect the input, that's all there is to it. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed. Input selection, gain control, and test pattern controls are provided through the front panel interface. Audio presence LEDs indicate which channels are detected.

NEW

ENDE-BE93 • *Reg. $2100.00* **Discount $1995.00**

BrightEye™

ENDE-BE92M

ENDE-BE94

ENSEMBLE DESIGNS

Ensemble Designs BrightEye 94 SD Aspect Ratio Converter

BrightEye 94 is a standard definition aspect ratio converter. You can easily convert signals from 4:3 to SD 16:9, and vice versa. An external reference input allows genlock to a house reference. All vertical interval data and closed captioning is faithfully passed. Input selection, gain control, and test pattern controls are provided through the front panel interface. Audio presence LEDs indicate which channels are detected. Controls for crop, letterbox and pillarbox are accessed from the front panel or BrightEye Mac or PC software.

NEW

ENDE-BE94 • *Reg. $1500.00* **Discount $1425.00**